

WHAT IS CLAIMED IS:

1. A mechanism for fastening an adapter card in a computer case, comprising:
an expansion plate at one side of the computer case;
a motherboard in the computer case, the motherboard including at least one
5 expansion slot each being disposed perpendicular to the expansion plate; and
an L-shaped snapping frame including a connection seat and a fastening
seat perpendicular to the connection seat, the connection seat being parallel
with the expansion slot, the connection seat including a signal adapter board
including a leg at one side, the leg being extended downward to insert into the
10 expansion slot, and an adapter expansion slot at the other side of the signal
adapter board distal from the leg, the adapter expansion slot being parallel with
the expansion slot,
wherein the fastening seat is snapped on the expansion plate together with
the expansion plate to form a flat surface, and the fastening seat comprises an
15 lengthwise groove, an opening at one end distal from the connection seat, the
opening being in communication with the groove, and an elongated channel on
one side adjacent the expansion plate, the channel being in communication with
the groove.
2. The mechanism of claim 1, wherein the adapter card comprises a bracket, a
20 circuit board perpendicular to the bracket, the circuit board having a plurality of
metal pins projected from one side, the pins being perpendicular to the bracket,
at least one connector on an outer side of the bracket, the connector being
electrically coupled to the circuit board, and a connection member extended
from one end of the bracket and being perpendicular with respect to the bracket,
25 the connection member having a cavity and an indentation.
3. The mechanism of claim 2, wherein further comprising an elongated support
on the motherboard, the support being adapted to correspond to the fastening

seat, the support including a fastening trough at a distal side from the motherboard, the fastening trough including a plurality of alternate short protrusions at both top and bottom sides thereof so that one end of the circuit board is inserted into the fastening trough when the bracket is inserted in the
5 groove.

4. The mechanism of claim 2, wherein the expansion plate comprises a threaded hole and the fastening seat further comprises a projected tab adjacent the channel, the tab including a circular hole, the tab being extended downward toward the expansion plate to align the circular hole aligned with the threaded
10 hole so that the snapping frame can be fastened in the computer case by driving a fastener through the circular hole and the threaded hole.

5. The mechanism of claim 2, wherein the fastening seat further comprises a bent member extended from one end adjacent the opening and being perpendicular with respect to the fastening seat, the bent member including a
15 protuberance and a latch arm so that the protuberance is in the cavity and the latch arm is in the indentation when the pins are firmly inserted into the adapter expansion slot in response to pushing the bracket into the groove.